

The composition of rocks and residual hydrocarbons in the flooded-out zones of romashkinskoye field reservoirs

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Abstract

Features of the change of the hydrocarbon composition of residual oil in the flooded-out zones of Pashlyskly Horizon reservoirs under long-term development are determined. Microstructural changes in rocks - reservoirs, caused by the degradation and regeneration processes, are revealed. It is shown, that asphaltenes and alcohol benzene resins dominated in the residual oil in strongly flooded-out sandy areas of terrigenous strata.
